

# SOUTHEAST ALASKA

15087500 EAST FORK HOBO CREEK NEAR PETERSBURG

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 2003 to September 2005.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: November 2003 to September 2005.

INSTRUMENTATION.--Electronic water-temperature recorder since November 2004. Recording interval changed to 15-minutes.

REMARKS.--Water-discharge records are computed daily. Records represent water temperature at sensor within 0.5°C. Temperature at the sensor was compared with the stream average by cross section on December 8, 2004. No variation was found within the cross section, or between mean stream temperature and sensor temperature. Record is missing from February 04 to 15 due to recorder malfunction.

EXTREMES FOR PERIOD OF RECORD.--

WATER TEMPERATURE: Maximum, 14.0°C, August 17-18, 2004; minimum, 0.0°C on many days during winter.

EXTREMES FOR CURRENT PERIOD.--

WATER TEMPERATURE: Maximum, 13.0°C, August 12-16, 2005; minimum, 0.0°C on many days during winter.

### WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Stream width, feet (00004)	Sample location, cross section ft from rt bank (72103)	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)
DEC							
08...	1231	6.5	2.0	9.89	.34	0.0	3.5
08...	1232	6.5	4.0	9.89	.34	0.0	3.5
08...	1233	6.5	6.0	9.89	.34	0.0	3.5
08...	1234	6.5	8.0	9.89	.34	0.0	3.5

### TEMPERATURE, WATER (DEGREES CELSIUS), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.0	8.0	8.5	4.0	4.0	4.0	3.0	3.0	3.0	0.5	0.5	0.5
2	9.0	8.5	9.0	4.0	3.5	4.0	3.5	3.0	3.0	0.5	0.0	0.5
3	8.5	8.0	8.5	4.0	3.5	4.0	3.5	2.5	3.0	0.5	0.0	0.0
4	9.0	8.5	8.5	3.5	3.5	3.5	3.0	2.0	2.5	0.5	0.0	0.0
5	9.0	8.5	9.0	3.5	2.5	3.0	2.0	1.0	1.5	0.0	0.0	0.0
6	8.5	8.0	8.5	3.0	2.5	2.5	1.0	0.0	0.5	0.5	0.0	0.0
7	8.5	8.0	8.0	2.5	2.0	2.0	0.0	0.0	0.0	0.5	0.0	0.5
8	8.0	8.0	8.0	2.0	1.5	2.0	0.0	0.0	0.0	0.5	0.5	0.5
9	8.5	8.0	8.0	2.0	1.5	2.0	1.0	0.0	0.5	0.5	0.5	0.5
10	8.5	8.0	8.0	1.5	1.0	1.5	1.0	0.5	1.0	0.5	0.0	0.5
11	8.0	7.5	7.5	1.5	0.5	1.0	1.0	1.0	1.0	1.0	0.0	0.5
12	8.5	7.0	7.5	2.5	1.0	1.5	1.5	1.0	1.0	1.0	0.5	1.0
13	8.5	8.0	8.5	3.0	2.5	2.5	1.5	1.0	1.0	1.0	0.5	0.5
14	8.5	8.5	8.5	3.5	3.0	3.0	1.5	1.0	1.5	0.5	0.5	0.5
15	8.5	8.0	8.0	4.0	3.5	3.5	1.5	1.5	1.5	0.5	0.5	0.5
16	8.0	6.5	7.5	4.0	3.5	3.5	2.0	1.5	2.0	0.5	0.0	0.5
17	6.5	5.5	6.0	3.5	3.0	3.5	2.5	2.0	2.0	0.5	0.0	0.0
18	5.5	4.5	5.0	3.0	2.5	2.5	3.0	2.5	2.5	0.0	0.0	0.0
19	4.5	4.0	4.0	3.0	2.5	3.0	3.0	2.5	2.5	0.0	0.0	0.0
20	4.0	4.0	4.0	4.0	3.0	3.5	2.5	2.0	2.5	0.0	0.0	0.0
21	4.5	3.5	4.0	3.5	3.5	3.5	2.0	1.5	2.0	0.0	0.0	0.0
22	4.5	4.0	4.5	3.5	3.0	3.5	2.0	1.5	2.0	0.5	0.0	0.0
23	4.5	4.0	4.0	3.0	2.5	3.0	2.5	2.0	2.5	0.5	0.5	0.5
24	4.0	3.5	4.0	3.0	3.0	3.0	2.5	2.0	2.5	1.0	0.5	0.5
25	4.5	4.0	4.0	3.0	3.0	3.0	2.0	1.0	1.5	1.0	0.5	0.5
26	4.0	4.0	4.0	3.0	3.0	3.0	1.0	0.5	0.5	1.0	0.5	1.0
27	4.5	4.0	4.0	3.0	3.0	3.0	0.5	0.0	0.0	1.0	1.0	1.0
28	4.5	4.0	4.5	3.0	3.0	3.0	0.5	0.0	0.5	1.0	0.5	1.0
29	4.5	4.0	4.5	3.0	3.0	3.0	1.0	0.0	0.5	1.0	1.0	1.0
30	4.5	4.0	4.5	3.0	3.0	3.0	0.0	0.0	0.0	1.5	1.0	1.0
31	4.0	4.0	4.0	---	---	---	0.5	0.0	0.5	1.5	1.0	1.0
MONTH	9.0	3.5	6.3	4.0	0.5	2.9	3.5	0.0	1.5	1.5	0.0	0.5

# SOUTHEAST ALASKA

## 15087500 EAST FORK HOBO CREEK NEAR PETERSBURG—Continued

TEMPERATURE, WATER (DEGREES CELSIUS), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	1.0	0.5	1.0	2.0	1.5	1.5	2.0	1.5	2.0	6.5	5.0	6.0
2	1.0	1.0	1.0	2.0	1.5	1.5	2.0	1.5	1.5	6.5	5.5	6.0
3	1.5	0.5	1.0	2.0	1.5	2.0	2.5	2.0	2.0	6.5	5.5	6.0
4	---	---	---	2.0	1.5	2.0	3.0	2.0	2.5	6.5	5.5	6.0
5	---	---	---	2.0	2.0	2.0	3.0	2.5	3.0	6.5	5.5	6.0
6	---	---	---	2.5	2.0	2.0	3.0	2.5	3.0	6.5	5.0	6.0
7	---	---	---	2.5	2.0	2.0	3.0	2.5	3.0	7.5	5.5	6.5
8	---	---	---	2.5	2.0	2.5	3.5	2.0	2.5	7.5	6.0	7.0
9	---	---	---	3.0	2.5	2.5	3.5	3.0	3.0	8.0	6.5	7.0
10	---	---	---	3.0	2.5	3.0	3.5	3.0	3.0	8.5	7.0	7.5
11	---	---	---	3.0	2.5	3.0	3.5	3.0	3.5	9.0	8.0	8.5
12	---	---	---	3.0	3.0	3.0	3.5	2.5	3.0	8.5	8.0	8.0
13	---	---	---	3.0	2.5	3.0	3.5	2.5	3.0	8.5	8.0	8.0
14	---	---	---	3.0	2.5	3.0	3.5	3.0	3.0	9.0	8.0	8.5
15	---	---	---	3.0	2.0	3.0	3.5	2.5	3.0	8.5	7.5	8.0
16	0.5	0.0	0.5	2.0	1.5	2.0	4.0	3.0	3.5	8.5	7.5	8.0
17	1.0	0.5	0.5	1.5	1.0	1.0	4.0	3.0	3.5	8.5	7.5	8.0
18	1.0	0.0	1.0	1.0	0.5	1.0	4.0	3.0	3.5	9.0	7.0	8.0
19	1.0	0.0	1.0	0.5	0.0	0.0	4.0	3.5	4.0	9.0	8.0	8.5
20	1.0	0.5	0.5	0.0	0.0	0.0	4.5	3.5	4.0	9.0	8.0	8.5
21	1.0	0.0	0.0	0.5	0.0	0.0	4.5	4.0	4.5	9.0	8.0	8.5
22	1.0	1.0	1.0	1.5	0.5	1.0	4.5	4.0	4.0	8.5	7.0	8.0
23	1.0	0.0	1.0	1.0	0.5	1.0	5.0	4.0	4.5	8.5	7.5	8.5
24	1.5	1.0	1.0	1.0	0.0	0.5	5.5	4.5	5.0	9.0	8.0	8.5
25	1.5	1.0	1.5	2.0	0.5	1.5	6.0	5.0	5.5	9.0	7.5	8.5
26	1.5	1.0	1.0	3.0	2.0	2.5	6.0	5.0	5.5	9.5	8.5	9.0
27	1.5	1.0	1.5	2.5	2.0	2.5	6.5	5.5	6.0	10.0	9.0	9.5
28	1.5	1.5	1.5	2.5	1.5	2.0	7.0	5.5	6.0	10.0	8.0	9.0
29	---	---	---	2.5	2.0	2.0	6.5	5.5	6.0	9.5	9.0	9.0
30	---	---	---	2.5	2.0	2.0	6.5	4.5	5.5	9.5	9.0	9.0
31	---	---	---	2.5	2.0	2.5	---	---	---	10.0	8.5	9.0
MONTH	---	---	---	3.0	0.0	1.9	7.0	1.5	3.7	10.0	5.0	7.8

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.0	8.5	9.5	11.0	10.5	11.0	11.0	10.5	11.0	10.5	10.5	10.5
2	10.0	8.0	9.0	11.0	10.5	11.0	11.5	10.5	11.0	10.5	10.0	10.5
3	9.5	8.0	9.0	11.0	10.5	10.5	11.5	11.0	11.5	10.5	10.0	10.5
4	10.0	9.0	9.5	10.5	10.0	10.5	11.5	11.0	11.0	10.5	9.5	10.0
5	10.0	8.0	9.0	11.0	10.5	11.0	11.5	11.0	11.5	11.0	10.0	10.5
6	10.5	8.5	9.5	11.0	10.5	10.5	11.5	11.0	11.0	11.0	10.5	10.5
7	11.0	9.0	10.0	11.0	10.5	10.5	11.5	10.5	11.0	11.0	10.5	11.0
8	11.5	10.0	10.5	10.5	10.0	10.5	11.5	10.5	11.0	11.0	10.0	10.5
9	11.0	9.0	10.0	10.5	10.0	10.5	12.0	11.0	11.5	10.0	9.5	10.0
10	11.0	10.0	10.5	10.5	10.5	10.5	12.5	11.0	11.5	10.5	9.5	10.0
11	10.5	9.5	10.0	11.0	10.5	10.5	12.5	11.5	12.0	10.5	10.0	10.5
12	10.0	9.5	10.0	11.0	10.0	10.5	13.0	11.5	12.5	10.5	10.0	10.5
13	10.0	8.5	9.5	11.0	10.5	11.0	13.0	12.0	12.5	11.0	10.5	10.5
14	10.0	9.0	9.5	11.0	10.5	11.0	13.0	12.0	12.5	10.5	10.0	10.5
15	9.5	8.5	9.0	11.0	10.5	11.0	13.0	12.5	12.5	10.0	9.5	9.5
16	10.0	8.0	9.5	11.5	10.0	11.0	13.0	12.0	12.5	10.5	9.5	10.0
17	11.0	9.0	10.0	11.5	11.0	11.5	12.5	11.0	12.0	10.5	10.0	10.0
18	12.0	10.0	11.0	11.5	11.0	11.0	12.5	12.0	12.5	10.0	9.5	10.0
19	11.5	10.5	11.0	11.5	11.0	11.0	13.0	12.5	12.5	9.5	9.0	9.5
20	11.0	10.0	10.5	11.5	11.0	11.0	12.5	11.5	12.0	9.5	9.0	9.5
21	10.0	9.5	10.0	11.5	11.0	11.5	12.0	11.5	11.5	9.5	8.5	9.0
22	10.0	9.0	9.5	11.5	10.5	11.0	11.5	11.5	11.5	9.0	8.5	9.0
23	10.0	9.5	10.0	11.0	10.5	11.0	11.5	11.0	11.5	9.5	9.0	9.5
24	10.0	9.5	9.5	11.5	10.5	11.0	12.0	10.5	11.0	10.0	9.5	9.5
25	10.5	9.5	10.0	11.5	10.5	11.0	12.5	11.5	12.0	9.5	9.0	9.5
26	11.5	9.5	10.5	12.0	11.0	11.5	11.5	11.0	11.5	9.0	8.0	8.5
27	12.0	10.5	11.0	12.0	11.5	12.0	11.5	11.0	11.0	8.0	7.5	8.0
28	11.5	11.0	11.0	12.0	11.5	11.5	11.0	10.5	11.0	9.0	8.0	8.5
29	11.5	11.0	11.0	11.5	11.0	11.0	11.0	10.5	11.0	8.5	8.5	8.5
30	11.5	10.5	11.0	11.5	10.5	11.0	11.5	11.0	11.0	8.5	8.0	8.5
31	---	---	---	11.5	11.0	11.0	11.0	10.5	11.0	---	---	---
MONTH	12.0	8.0	10.0	12.0	10.0	11.0	13.0	10.5	11.6	11.0	7.5	9.8